

ABSTRACT OF THE DISCLOSURE

00703494-103100

A method and system for electronic entry of information uses an electronic reading device that includes an optical detector for detecting a portion of an address pattern on a specially formatted surface that is adjacent to the electronic reading device. The address pattern is designed such that an exact position of the electronic reading device with respect to the specially formatted surface can be determined by detecting only a small portion of the overall address pattern. The electronic reading device can include a sensor for detecting contact between a tip of the electronic reading device and the specially formatted surface. In addition, a processor in the electronic reading device receives the detected positional data at least when the sensor detects contact between the tip of the electronic reading device and the specially formatted surface. In addition or as an alternative, the electronic reading device can include a writing means that can be selectively activated and deactivated, wherein positions are detected regardless of whether the writing means is in an activated or deactivated mode.